

Appl. No. : 10/629,210
Filed : July 28, 2003

AMENDMENTS TO THE CLAIMS

Please cancel claims 15-30, without prejudice.

Please add new claims 31-39.

1. (Original) An intraocular lens for insertion into an eye, comprising:
a primary intraocular lens configured for placement in an eye of a patient and to be effective in correcting vision of the patient; and
a supplemental intraocular lens configured for placement in the eye of the patient and to modify the vision correction provided by the primary intraocular lens, the supplemental intraocular lens comprising a substantially completely diffractive optic.
2. (Original) An intraocular lens according to claim 1, wherein the supplemental intraocular lens is configured to enhance the vision correction provided by the primary intraocular lens.
3. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens comprises a resiliently bendable lens.
4. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens has a thickness of less than about 700 μ m.
5. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens has a thickness in the range of about 10 μ m to about 300 μ m.
6. (Original) The intraocular lens according to claim 5, wherein the supplemental intraocular lens has a thickness of no more than about 250 μ m.
7. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is anteriorly vaulted with respect to the primary intraocular lens.
8. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is operatively coupled to the primary intraocular lens.
9. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens has a positive optical power.
10. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens has a negative optical power.
11. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is tinted.

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12. (Original) The intraocular lens according to claim 11, wherein the supplemental intraocular lens includes a blue blocker.
13. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is multifocal.
14. (Original) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is toric.
- 15 - 30 (Canceled)
31. (New) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is positively powered.
32. (New) The intraocular lens according to claim 1, wherein the supplemental intraocular lens is negatively powered.
33. (New) The intraocular lens according to claim 1, wherein the diffractive optic comprises a plurality of echelettes having a predetermined depth.
34. (New) The intraocular lens according to claim 33, wherein the predetermined depth is on the order of a wavelength.
35. (New) The intraocular lens according to claim 33, wherein the echelettes can not be seen by the naked eye.
36. (New) The intraocular lens according to claim 1, wherein the diffractive optic comprises a first-order diffraction profile.
37. (New) The intraocular lens according to claim 1, wherein the diffractive optic comprises a multi-order diffraction profile.
38. (New) An intraocular lens for insertion into an eye, comprising:
a primary intraocular lens configured for placement in an eye of a patient and to be effective in correcting vision of the patient; and
a diffractive lens configured for placement in the eye of the patient having a plurality of echelettes, the diffractive lens being positively powered.
39. (New) An intraocular lens for insertion into an eye, comprising:
a primary intraocular lens configured for placement in an eye of a patient and to be effective in correcting vision of the patient; and

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a diffractive lens configured for placement in the eye of the patient having a plurality of echelettes, the diffractive lens being negatively powered.